

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) A system for use in a well, comprising:
a lower completion sized for insertion into a wellbore;
an upper completion having a stinger for insertion into the lower completion; and
a control line disposed along at least a portion of the stinger, wherein the control line is positioned along an exterior of the stinger, wherein the stinger comprises a protection mechanism for the control line, the protection mechanism comprising a recess formed in a wall of the stinger.
2. (Original) The system as recited in claim 1, wherein the upper completion comprises a packer that moves with the stinger when the stinger is inserted into the lower completion.
3. (Canceled)
4. (Canceled)
5. (Currently amended) The system as recited in claim 1 4, wherein the recess is generally linear and oriented in an axial direction.

6. (Currently amended) The system as recited in claim 1 ~~3~~, wherein the protection mechanism comprises an encapsulation in which the control line is encapsulated.

7. (Original) The system as recited in claim 6, wherein the encapsulation is disposed along an exterior of the stinger.

8. (Original) The system as recited in claim 1, wherein the lower completion comprises a lower packer and the upper completion comprises an upper packer, the control line being routed through a by-pass port of the upper packer.

9. (Original) The system as recited in claim 1, wherein the stinger comprises a perforated base pipe and an outlying shroud.

10. (Original) The system as recited in claim 1, wherein the control line comprises an optical fiber.

11. (Original) The system as recited in claim 1, wherein the control line comprises a plurality of control lines.

12. (Original) The system as recited in claim 1, wherein the control line is coupled to a downhole sensor.

13. (Original) The system as recited in claim 1, wherein the control line comprises a distributed temperature sensor.

14. (Original) The system as recited in claim 1, wherein the lower completion and the stinger extend into a deviated wellbore.

15. (Currently amended) ~~The system as recited in claim 1, further comprising~~ A system for use in a well, comprising:

a lower completion sized for insertion into a wellbore;

an upper completion having a stinger for insertion into the lower completion;

a control line disposed along at least a portion of the stinger, wherein the control line is positioned along an exterior of the stinger; and

a sealing sleeve to sealingly engage the lower completion and the upper completion, the control line being disposed through the sealing sleeve.

16. (Original) The system as recited in claim 14, further comprising an orienting mechanism to place the control line at a desired orientation within the deviated wellbore.

17. (Canceled)

18. (Canceled)

19. (Canceled)

20. (Canceled)

21. (Canceled)

22. (Canceled)

23. (Original) A system for use in a well, comprising:

a lower completion sized for insertion into a deviated wellbore;

an upper completion having a stinger for insertion into the lower completion;

a control line disposed along at least a portion of the stinger; and

an orienting mechanism to orient the control line within the deviated wellbore.

24. (Original) The system as recited in claim 23, wherein the orienting mechanism orients the control line toward a bottom of the deviated wellbore.

25. (Original) The system as recited in claim 23, wherein the control line comprises an optical fiber.

26. (Original) The system as recited in claim 23, wherein the control line comprises a distributed temperature sensor.

27. (Original) The system as recited in claim 23, wherein the upper completion comprises a packer that moves with the stinger during insertion of the stinger.

28. (Currently amended) A method, comprising:

combining an upper completion, having a packer and stinger, with a production tubing;

deploying a lower completion in a wellbore;

moving the production tubing and the upper completion simultaneously into the wellbore until the upper completion engages the lower completion such that the stinger extends into the lower completion; and

routing a control line along the stinger, wherein routing comprises routing the control line within a recess formed in a wall of the stinger.

29. (Original) The method as recited in claim 28, wherein deploying comprises deploying the lower completion with a fluid communication component that provides fluid communication between an exterior of the lower completion and an interior.

30. (Original) The method as recited in claim 29, wherein inserting comprises moving the stinger through the fluid communication component.

31. (Original) The method as recited in claim 30, wherein routing comprises routing the protected control line through the packer from an interior of the lower completion to an exterior of the upper completion.

32. (Original) The method as recited in claim 28, wherein routing comprises routing the protected control line along an interior of the stinger.

33. (Canceled)

34. (Currently amended) The method as recited in claim 28 ~~33~~, further comprising orienting the recess in a generally axial direction along the stinger.

35. (Currently amended) The method as recited in claim 28 ~~33~~, further comprising forming the recess along an exterior of the stinger.

36. (Original) The method as recited in claim 28, further comprising encapsulating the protected control line along the stinger.

37. (Original) The method as recited in claim 36, wherein routing comprises routing the protected control line along an exterior of the stinger.

38. (Original) The method as recited in claim 28, further comprising forming the stinger with a perforated base pipe and an external shroud.

39. (Original) The method as recited in claim 28, further comprising forming the stinger with a plurality of base pipe sections and a plurality of corresponding shroud sections.

40. (Original) The method as recited in claim 39, further comprising rotationally engaging the plurality of base pipe sections with the plurality of corresponding shroud sections.

41. (Original) The method as recited in claim 28, further comprising forming the stinger with a base pipe enclosed by a hinged shroud.

42. (Original) The method as recited in claim 28, wherein routing comprises routing a fiber optic control line along the stinger.

43. (Original) The method as recited in claim 28, wherein routing comprises routing a distributed temperature sensor along the stinger.

44. (Currently amended) A system for use in a well, comprising:
means for inserting a stinger into an interior of the completion; and
means for routing a control line along an exterior of the stinger, wherein the means for routing comprises an encapsulation in which the control line is encapsulated.

45. (Original) The system as recited in claim 44, wherein the means for inserting comprises an upper completion.

46. (Original) The system as recited in claim 44, wherein the means for routing comprises a recessed passageway in the stinger.